



DOCKET NO: 243071US0

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
RENAUD DERAND, ET AL. : EXAMINER: DUNSTON, J. A.
SERIAL NO: 10/665,283 :
FILED: SEPTEMBER 22, 2003 : ART UNIT: 1636
FOR: ION CHANNEL HYBRID PROTEINS AS ELECTRICAL SENSORS AND USE
THEREOF

RESPONSE TO NOTICE OF NON-RESPONSE

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Communication mailed on January 18, 2005, and further to the Response to Restriction and Election of Species Requirement filed on December 2, 2004, Applicants affirm the provisional election of Group I, Claims 1-29, 34, 35, 45 and 46, with traverse, for further examination. Applicants also elect, with traverse, the following Species:

sub-species type (a) – spacer (Claims 1-3 and 5-46 read on this Species),

sub-species type (b) – MRP1 (Claims 1-4, 11-13, 15, 21-39, 42, and 44-46 read on this Species), and

sub-species type (c) – Kir6.2 (Claims 1-25 and 30-46 read on this Species).

In sum, Claims 1-3, 11-13, 15, 21-25, 30-39, 42, and 44-46 read on the combination of elected Species.

Applicants further note that as set forth on page 14 of the specification, SEQ ID NO: 1 reads on a hybrid protein having native MRP1 and Kir6.2 sequences and SEQ ID NOs: 4, 6,